

## Title (en)

PROCESS FOR THE PURIFICATION OF GRANULOCYTE COLONY STIMULATING FACTOR, G-CSF

## Title (de)

VERFAHREN ZUR REINIGUNG DES GRANULOZYTEN-KOLONIE-STIMULIERENDEM FAKTOR, G-CSF

## Title (fr)

PROCÉDÉ DE PURIFICATION DE LA PROTÉINE DE FACTEUR DE STIMULATION DES COLONIES DE GRANULOCYTES, G-CSF

## Publication

**EP 3040346 A1 20160706 (EN)**

## Application

**EP 16156518 A 20110330**

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## Abstract (en)

A process of purifying G-CSF (Granulocyte Colony Stimulating Factor) in a purification sequence employing chromatography characterized in that - at least one chromatography is performed using a multimodal resin containing a negatively charged 2-(benzoylamino) butanoic acid ligand - G-CSF binds to the multimodal resin at a pH between 4 to 6.2, and - the G-CSF is eluting at a pH 5.5 to 6.5 and wherein the elution is performed with arginine having a concentration in the range of from 0.1 M to 2.0 M, - optionally in combination with an affinity ligand chromatography step employing a yeast derived F ab fragment directed towards the G-CSF.

## IPC 8 full level

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## C-Set (source: EP US)

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## Citation (applicant)

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